

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

DERWENT-ACC-NO: 2003-037045

DERWENT-WEEK: 200303

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Mobile terminal having fm transmitting module

INVENTOR: TAK, Y S

PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2000KR-0083852 (December 28, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC KR 2002054686 A H04B 001/40	July 8, 2002	N/A	001

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NC
APPL-DATE KR2002054686A December 28, 2000	N/A	2000KR-0083852

INT-CL (IPC): H04B001/40

ABSTRACTED-PUB-NO: KR2002054686A

BASIC-ABSTRACT:

NOVELTY - A mobile terminal having an FM transmitting module is provided to enable a user to conveniently listen to a high-quality audio signal by

adding an FM transmitting module to a mobile terminal so that a music file, decoded at an MP3 decoder, can be output through the speaker of a radio.

DETAILED DESCRIPTION - A mobile terminal(202) is comprised of a baseband controller(204), an MP3 decoder(208), an FM transmitting module(210), a memory(212), a radio transceiver(214), a terminal transmit-receive port(220), an FM transmitting antenna(218), and an external antenna(216). The baseband controller(204) controls the operations of the mobile terminal(202) overall. The radio transceiver(214) converts a modulation signal, generated from the baseband controller(204), into a high frequency signal and transmits it through the terminal transmit-receive antenna(216). The memory(212) stores the MP3 file data downloaded to the mobile terminal(202). The MP3 decoder(208) decodes the MP3 file data transferred through the baseband controller(204), generates an audio signal, and outputs it to the FM transmitting module(210) or to the mobile terminal's speaker or earphone through the external output port(220). The FM transmitting module(210) receives the audio signal output from the MP3 decoder(208) and modulates it into the signal of a frequency band which can be received at a radio. The modulated signal is sent to the air through the FM transmitting antenna(218).

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: MOBILE TERMINAL FM TRANSMIT MODULE

DERWENT-CLASS: W02

EPI-CODES: W02-G02;

